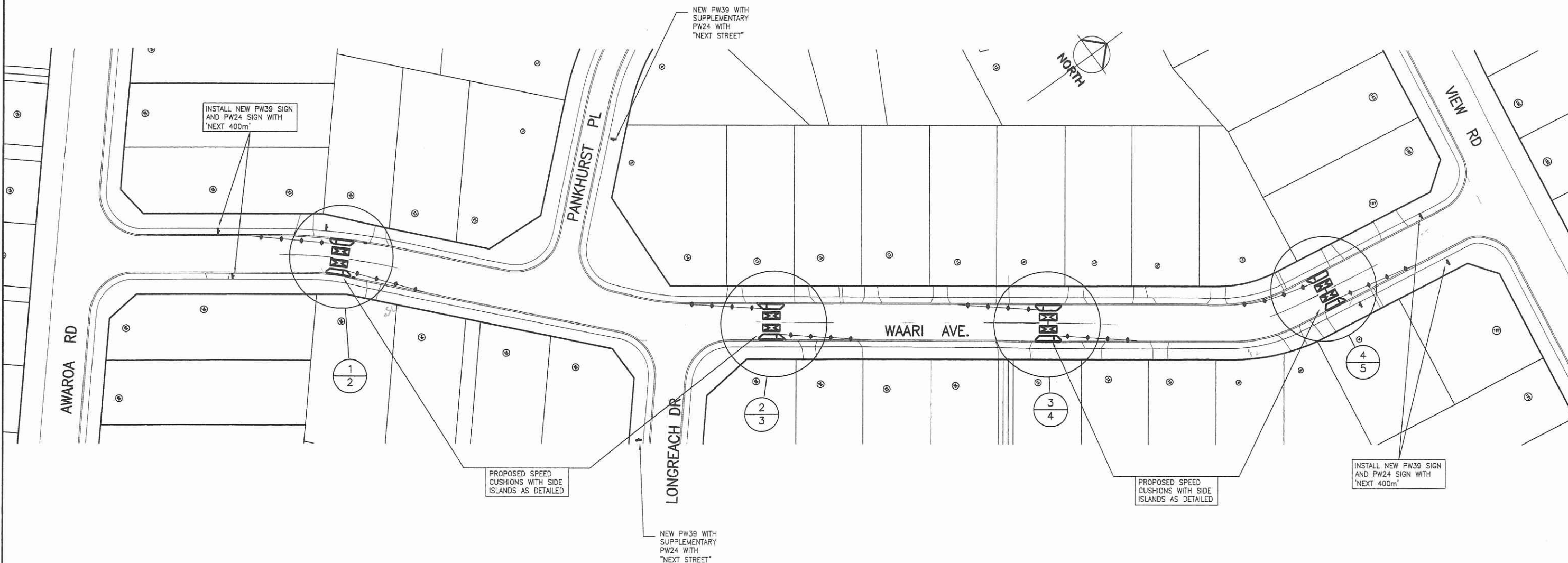


| LEGEND                  | EXISTING                      | PROPOSED                      |
|-------------------------|-------------------------------|-------------------------------|
| Sanitary Sewer          | ---                           | ---                           |
| Stormwater Drain        | ---                           | ---                           |
| Manholes                | ⊙ ⊙ ⊙<br>ss sw swcpmh         | ⊙ ⊙ ⊙<br>ss sw swcpmh         |
| Stormwater Catchpit     | ⊞                             | ⊞                             |
| Fieldtile/subsoil drain | ---                           | ---                           |
| Watermain               | ---                           | ---                           |
| Fire Hydrant            | ⊞                             | ⊞                             |
| Sluice valve            | ⊞                             | ⊞                             |
| Peet valve              | ⊞                             | ⊞                             |
| Reducer valve           | ⊞                             | ⊞                             |
| Blank Cap/Plate         | E                             | E                             |
| Telecom Cable           | as noted                      | as noted                      |
| Fibreoptic Cable        | as noted                      | as noted                      |
| Teistra/Clear           | indicative of multiple cables | indicative of multiple cables |
| Power Cable             | ---                           | ---                           |
| Power Transformer       | TF                            | TF                            |
| Power & Lamp Poles      | ⊙ PP ⊙ LP                     | ⊙ PP ⊙ LP                     |
| Gas Main                | ---                           | ---                           |
| Vector Com. Cable       | ---                           | ---                           |
| Fence                   | ---                           | ---                           |

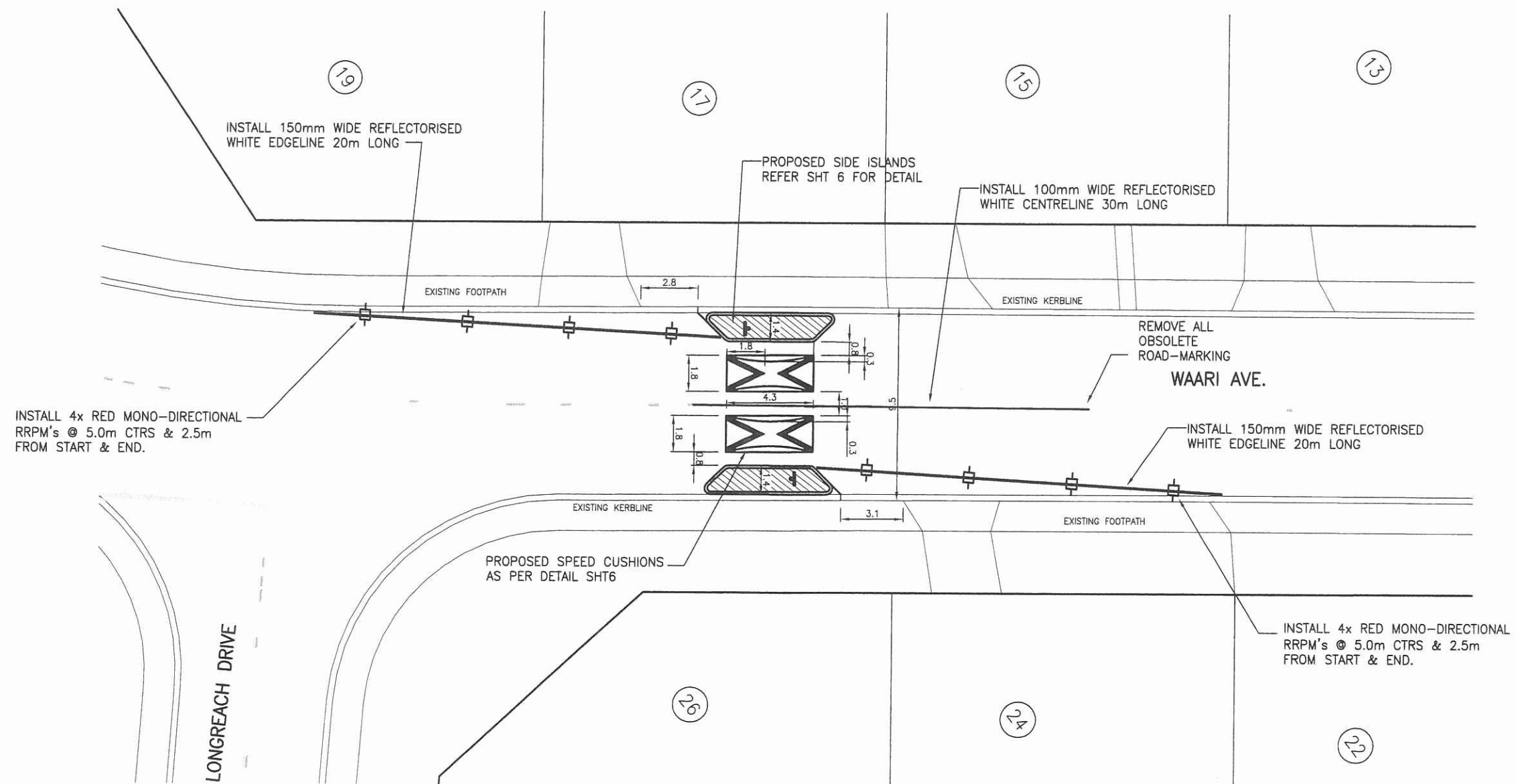
- GENERAL NOTES:**
- Levels in terms of Terolink NZ Ltd. datum.
  - Auckland 1946 Datum (M.S.L.).
  - Coordinates in terms of Mt. Eden circuit. Circuit origin = Mt. Eden 700,000mN, 300,000 mE
  - All work to comply with Waitakere City Council's 'Code of Practice for City Infrastructure and Land Development'.
  - The position/depth of underground services or utilities shown on this plan is indicative only. The Contractor must locate the exact position of such services or utilities before commencing construction.
  - Cadastral Boundaries taken from WCC GIS.

- SPECIAL NOTES:**
- Speed cushions must be carefully constructed to match the profile.
  - Speed cushion feather edge must not enter the channel of the kerb & channel.
  - Speed cushion edges must be keyed into existing surface not less than 25mm.
  - Markings must be 200mm wide reflectorized white 3M road-marking tape, and of the form shown.
  - Signs shall be supplied and installed in accordance with "MANUAL OF TRAFFIC SIGNS AND MARKINGS - PART 1: TRAFFIC SIGNS"
  - Sign posts, sockets and sleeve details as per standard drawings SD 3.22 to SD 3.27
  - Positions of speed humps are indicative only Council reserves the right to amend accordingly.



|                  |       |          |    |      |  |  |  |                |             |             |
|------------------|-------|----------|----|------|--|--|--|----------------|-------------|-------------|
| SURVEYED         | DATE  | REVISION | BY | DATE | W A I T A K E R E C I T Y C O U N C I L              |  |  | ORIGINAL SCALE | 1 : 500     |             |
| DESIGNED D.C.    | 10/09 |          |    |      | <div>ASSET MANAGER</div> <div>PROJECT SERVICES</div> |  |  | SHEET          | DRAWING No. | REVISION    |
| DRAWN            | 11/09 |          |    |      |  |  |  | 1              | 16642       |             |
| COMPUTED M.D.    |       |          |    |      |  |  |  | OF             |             |             |
| DWG CHECK        |       |          |    |      |  |  |  | 6              |             |             |
| DESIGN CHECK     |       |          |    |      |  |  |  |                |             |             |
| CAD FILE RD16642 | 11/09 |          |    |      |  |  |  | CONTRACT No.   | TA09005B    | A1 ORIGINAL |





|                  |  |       |          |  |    |      |                        |  |                        |  |
|------------------|--|-------|----------|--|----|------|------------------------|--|------------------------|--|
| SURVEYED         |  | DATE  | REVISION |  | BY | DATE | WAITAKERE CITY COUNCIL |  | ORIGINAL SCALE 1 : 125 |  |
| DESIGNED D.C.    |  | 10/09 |          |  |    |      |                        |  | SHEET 3 OF 6           |  |
| DRAWN            |  | 11/09 |          |  |    |      |                        |  | DRAWING No. 16642      |  |
| COMPUTED M.D.    |  |       |          |  |    |      |                        |  | CONTRACT No. TA09005B  |  |
| DWG CHECK        |  |       |          |  |    |      |                        |  | REVISION               |  |
| DESIGN CHECK     |  |       |          |  |    |      |                        |  | A1 ORIGINAL            |  |
| CAD FILE RD16642 |  | 11/09 |          |  |    |      |                        |  |                        |  |

ASSET MANAGER

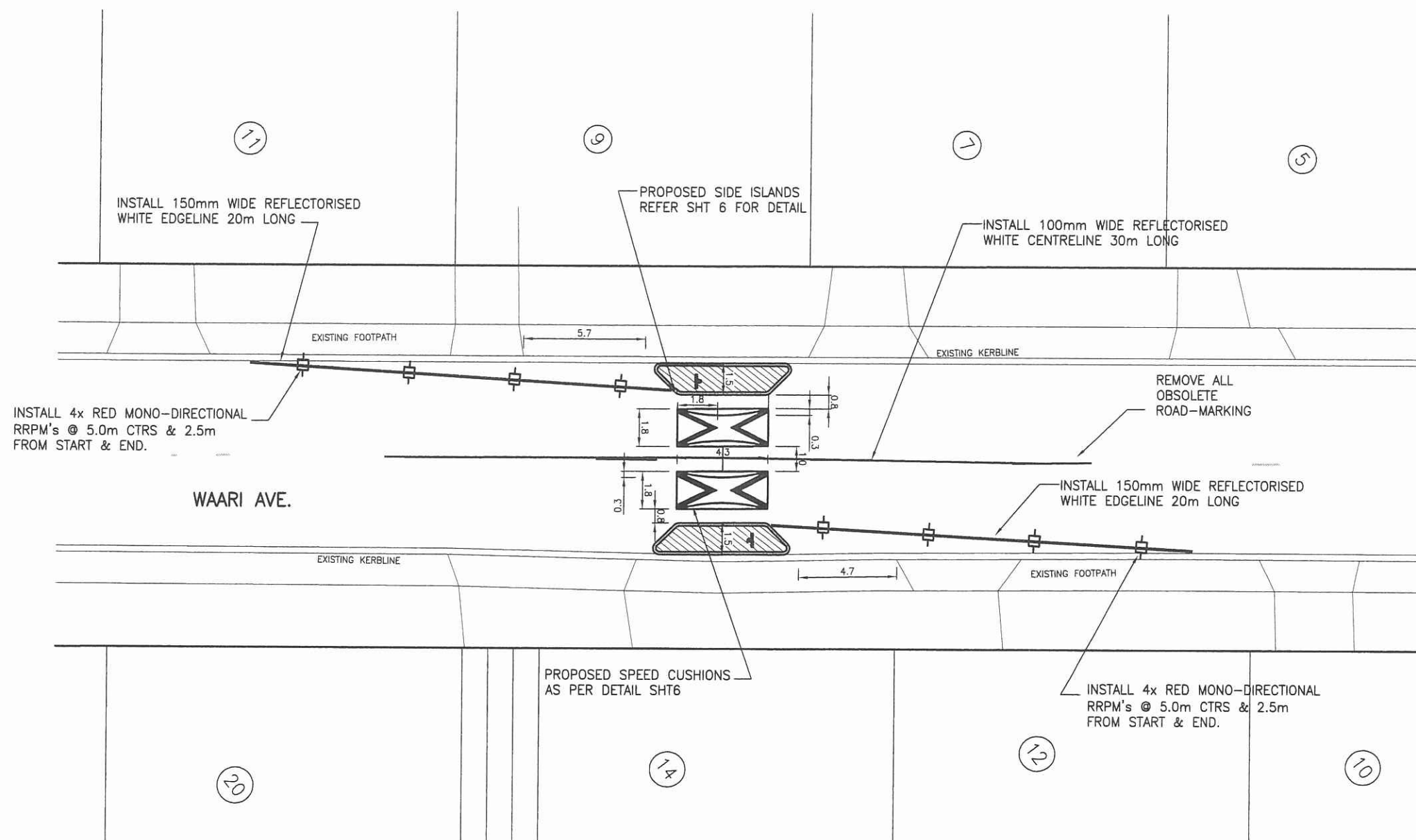
PROJECT SERVICES

**WAARI AVENUE**

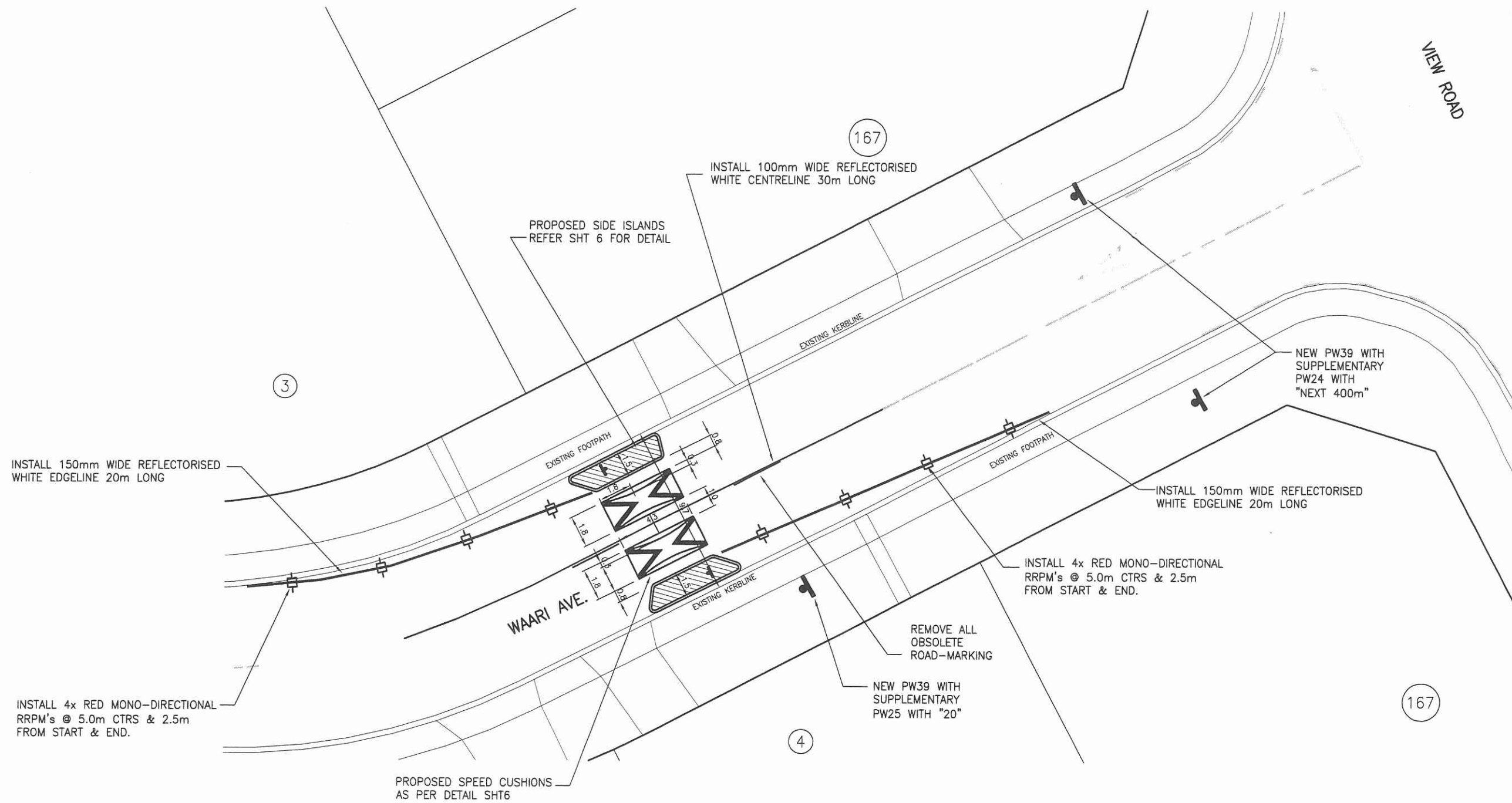
**PROPOSED SLOW STREET SCHEME**

PLAN - 17 WAARI AVE.

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|                  |  |       |          |  |    |      |  |  |  |  |  |  |  |  |  |  |                        |  |
|------------------|--|-------|----------|--|----|------|--|--|--|--|--|--|--|--|--|--|------------------------|--|
| SURVEYED         |  | DATE  | REVISION |  | BY | DATE | W A I T A K E R E C I T Y C O U N C I L  |  |  |  |  |  |  |  |  |  | ORIGINAL SCALE 1 : 125 |  |
| DESIGNED D.C.    |  | 10/09 |          |  |    |      | <div> <div>ASSET MANAGER</div> <div>PROJECT SERVICES</div> </div>  |  |  |  |  |  |  |  |  |  | SHEET 4 OF 6           |  |
| DRAWN            |  | 11/09 |          |  |    |      |  |  |  |  |  |  |  |  |  |  | DRAWING No. 16642      |  |
| COMPUTED M.D.    |  |       |          |  |    |      |  |  |  |  |  |  |  |  |  |  | CONTRACT No. TA09005B  |  |
| DWG CHECK        |  |       |          |  |    |      |  |  |  |  |  |  |  |  |  |  | A1 ORIGINAL            |  |
| DESIGN CHECK     |  |       |          |  |    |      |  |  |  |  |  |  |  |  |  |  |                        |  |
| CAD FILE RD16642 |  | 11/09 |          |  |    |      | <div> <div>1:\Project Management\Cad\ROADS\RD16642.dwg, 22/12/2009 13:40:26 p.m.</div> <div> <div>WAARI AVENUE</div> <div>PROPOSED SLOW STREET SCHEME</div> <div>PLAN - 9 WAARI AVE.</div> </div> </div> |  |  |  |  |  |  |  |  |  |                        |  |



|                  |  |       |          |  |    |      |                        |  |                        |  |
|------------------|--|-------|----------|--|----|------|------------------------|--|------------------------|--|
| SURVEYED         |  | DATE  | REVISION |  | BY | DATE | WAITAKERE CITY COUNCIL |  | ORIGINAL SCALE 1 : 125 |  |
| DESIGNED D.C.    |  | 10/09 |          |  |    |      |                        |  | SHEET 5 OF 6           |  |
| DRAWN            |  | 11/09 |          |  |    |      |                        |  | DRAWING No. 16642      |  |
| COMPUTED M.D.    |  |       |          |  |    |      |                        |  | CONTRACT No. TA09005B  |  |
| DWG CHECK        |  |       |          |  |    |      |                        |  | REVISION               |  |
| DESIGN CHECK     |  |       |          |  |    |      |                        |  | A1 ORIGINAL            |  |
| CAD FILE RD16642 |  | 11/09 |          |  |    |      |                        |  |                        |  |

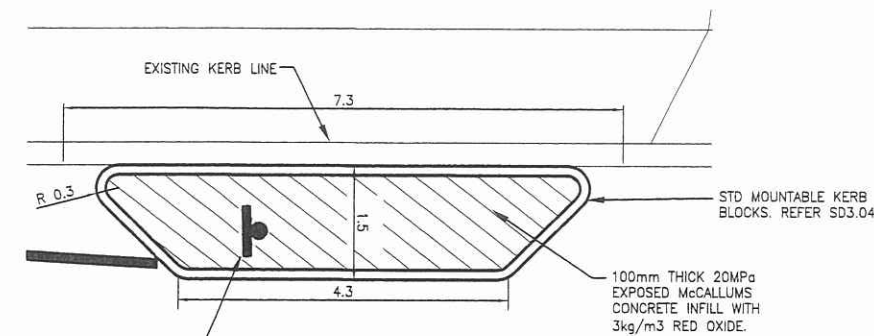
**WAARI AVENUE**

**PROPOSED SLOW STREET SCHEME**

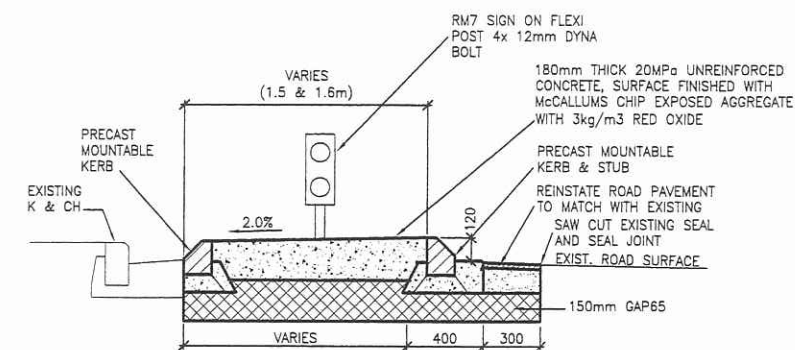
PLAN - 4 WAARI AVE.

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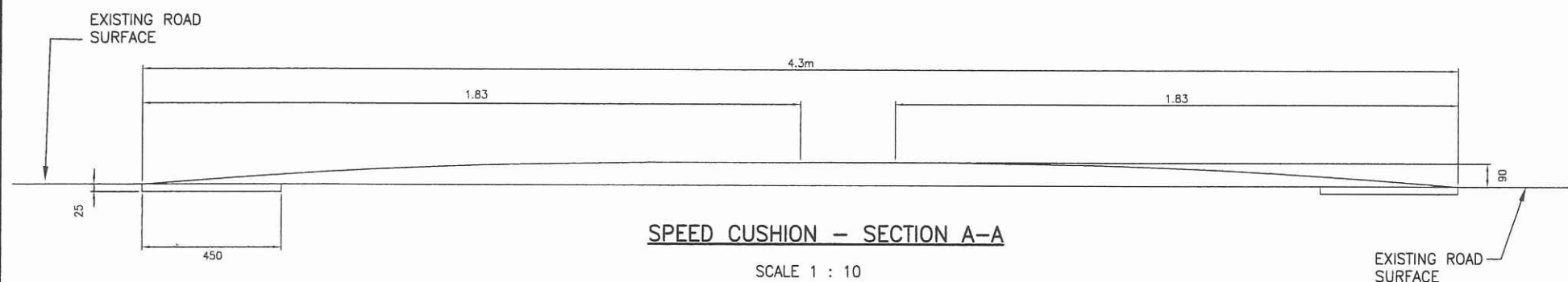




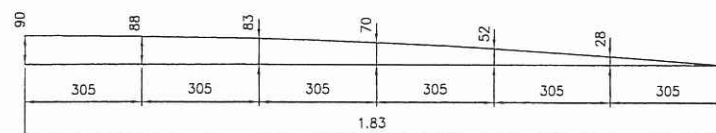
**SIDE ISLAND PLAN**  
SCALE 1 : 50



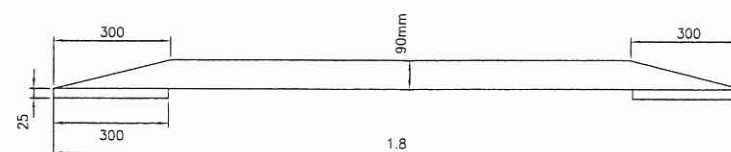
**SIDE ISLAND DETAIL**  
SCALE 1:20



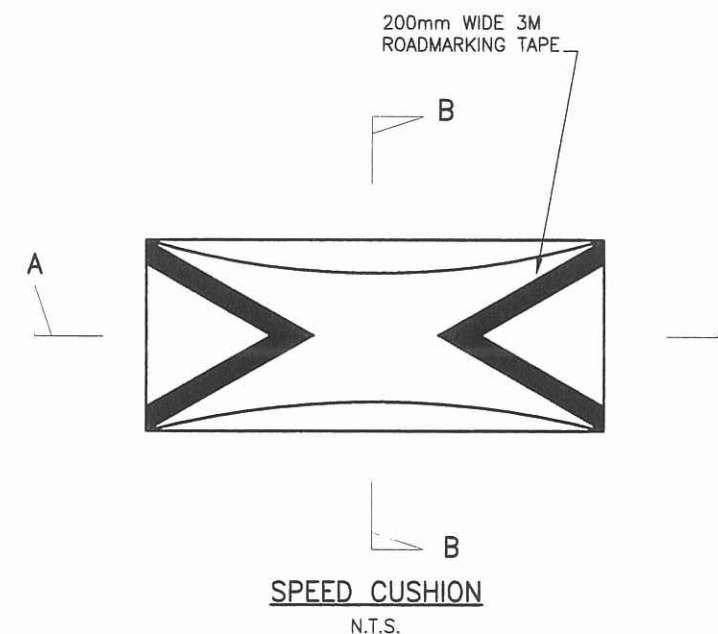
**SPEED CUSHION - SECTION A-A**  
SCALE 1 : 10





**PARABOLIC SECTION**  
SCALE 1 : 10



**SECTION B-B**  
SCALE 1 : 10



|                  |  |       |          |  |    |      |   |  |                  |  |   |  |  |  |  |  |   |  |              |  |                   |  |                       |  |             |  |
|------------------|--|-------|----------|--|----|------|---|--|------------------|--|---|--|--|--|--|--|---|--|--------------|--|-------------------|--|-----------------------|--|-------------|--|
| SURVEYED         |  | DATE  | REVISION |  | BY | DATE | W A I T A K E R E C I T Y C O U N C I L   |  |                  |  |   |  |  |  |  |  | ORIGINAL SCALE 1 : 500  |  |              |  |                   |  |                       |  |             |  |
| DESIGNED D.C.    |  |       |          |  |    |      |   |  |                  |  |   |  |  |  |  |  |   |  |              |  |                   |  |                       |  |             |  |
| DRAWN            |  | 11/09 |          |  |    |      | WAARI AVENUE<br>PROPOSED SLOW STREET SCHEME<br>DETAILS                              |  |                  |  |   |  |  |  |  |  |  |  | SHEET 6 OF 6 |  | DRAWING No. 16642 |  | REVISION              |  |             |  |
| COMPUTED M.D.    |  |       |          |  |    |      |   |  |                  |  |   |  |  |  |  |  |   |  |              |  |                   |  |                       |  |             |  |
| DWG CHECK        |  |       |          |  |    |      |   |  |                  |  |   |  |  |  |  |  |   |  |              |  |                   |  |                       |  |             |  |
| DESIGN CHECK     |  |       |          |  |    |      |   |  |                  |  |   |  |  |  |  |  |   |  |              |  |                   |  |                       |  |             |  |
| CAD FILE RD16642 |  | 11/09 |          |  |    |      |  |  | PROJECT SERVICES |  | I:\Project Management\Cad\ROADS\RD16642.dwg, 14/12/2009 11:11:54 a.m. |  |  |  |  |  |   |  |              |  |                   |  | CONTRACT No. TA09005B |  | A1 ORIGINAL |  |